



## REMARKS

The outstanding Office Action of November 4, 2004 rejects claims 1, 2 and 8 through 18 under 35 U.S.C. 103. In addition, claims 1 through 18 are rejected under 35 U.S.C. 112. However, the outstanding Office Action does indicate that claims 3 through 7 contain allowable subject matter and that with amendment claims 3 through 7 would be allowed. The application has been amended in response to the Examiner's comments and is now believed to be in condition for allowance.

The title of the subject application has been amended to:

**Electro-Mechanical Energy Conversion System Having A Permanent Magnet Machine With Stator, Resonant Transfer Link And Energy Converter Controls.**

Also attached is a complete listing of all of the claims of the application in ascending numerical order. Each claim has been provided with the proper status identifier.

Specifically, newly submitted independent claim 19, claim 1 and 3 combined in rewritten form, defines an electro-mechanical energy conversion system to convert and transfer energy from an input energy source to an output energy load comprising an energy converter device coupled between the input energy source and the output energy load to receive and to convert energy from the input energy source and to transfer the converted energy to the output energy load and an energy conversion and transfer control operatively coupled to

said energy converter device to control the conversion of energy from the input energy source and energy transfer to the output energy load by said energy converter device in response to a plurality of predetermined conditions. The energy converter device comprises an energy converter section including a permanent magnet machine having a rotor and stator to convert the energy from the input energy source and to selectively transfer the converted energy to the output energy load and an energy transfer section including a plurality of stator control elements coupled to the stator and a plurality of rotor control elements coupled to the rotor. The plurality of stator control elements and plurality of rotor control elements are operatively coupled by a resonant transfer link to transfer energy between the stator and rotor to control the operation of the permanent magnet machine. The energy conversion and transfer control comprises an energy converter control to control the operation of the energy converter device and a source/load control to control the operation of the input energy source and output energy load with respect to the energy converter device wherein each the stator energy transfer control element comprises a switch coupled to each phase of the stator of the permanent magnet machine

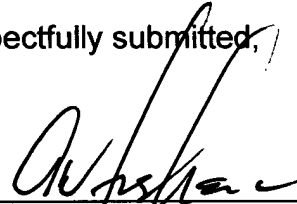
As noted by Examiner Cuevas, none of the references either teach or suggest the elements of newly submitted independent claim 19. Accordingly, newly submitted independent claim 19 is believed allowable and such is respectfully requested.

Moreover, dependent claims 4 through 14 have been amended to depend either directly or indirectly from newly submitted independent claim 19. While each contains additional elements, each of these dependent claims contains all the elements of newly submitted independent claim 19 and therefore is also believed in condition for allowance.

In view of the amendments contained herein and the discussion in support thereof, allowance of this application is respectfully requested.

Notwithstanding, in the event that this response does not completely and fully address the matters and issues set forth in the outstanding Office Action, Examiner Cuevas is invited to contact Applicant's attorney by telephone in order to expeditiously conclude this prosecution.

Respectfully submitted,



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